LABEEB ZAKER

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Highlights of Qualification

- **Goal-oriented** Programmer with strong commitment to **collaboration** and **solutions-oriented-problem-solving**
- **Self-motivated** Programmer with high level of experience working on **~4** personal projects
- Responding to challenges by designing and developing **efficient** code
- Translating solutions into code and working across **~2 APIs**, and **databases**
- **Passionate** and **hardworking** with penchant for **meeting deadlines**

Education

B.Eng-MECHATRONICS ENGINEERING

MCMASTER UNIVERSITY | SEPTEMBER 2018 - APRIL 2023
Relevant courses: Engineering Computation(python), Programming for Mechatronics (C language)
Activities: McMaster Eco-car CAVs **Programmer** (SEPTEMBER 2019 – PRESENT), DeltaHacks V **volunteer**

Projects

BloggersInc

- Developed website using **HTML5, Semantic UI, CSS3, JavaScript, JQuery, Node.JS** and **Express.JS**.
- Refined **Back-end programming skills** by using **MongoDB** to organize and store non-relational databases of **~30 users**, blogs and comments
- Enhanced **authentication** of login forms using **Passport.JS** library

Connected and Automated Vehicle System detection

- Collaborated in a group of **3** to make a **python** program for cars and lanes detection
- Added **NumPy** library to deal with arrays for producing blurred image from original image
- Implemented **CV2** library to **visualize** the detection results on various images

Personal Portfolio

- Developed personal site using **HTML5, Bootstrap4, CSS3, JavaScript, JQuery, Node.JS** and **Express.JS**
- Improved **responsiveness** on phone by adding **Bootstrap4** and **JQuery**.
- Enhanced **communication** service by using **node-mailer** library to receive **~100** emails/month.

Skills

Front-end: HTML5, CSS3, jQuery   *Languages:* JavaScript, Python, C, Matlab

Back-end: Node.JS, MongoDB, Rest API   *Frameworks:* Bootstrap4, Express.JS, Git